# INDEX TO VOLUME XIV


Alteration of developmental pattern in the sand dollar by pilocarpine, The, 461

ASHKENAZ, E. W., 281

BISSONNETTE, THOMAS HUME, 379

BODENHEIMER, F. S., 186

BROWNELL, K. A., 476

Buffering capacity and composition of the blood serum and regurgitated digestive juices of the Mormon cricket (*Anabrus simplex* Hald), 470

CHARIPPER, A., 366

CHILD, C. M., 449

Constituents of the normal skate, Some, 476

D'ANGELO, SAVINO A., 366

DANIELSON, RAGNAR N., 96

DAVENPORT, DEMOREST, 178

Differential modifications of coelom development in the starfish, *Patiria miniata*, 449

DONALDSON, F. T., 470

EASTLICK, HERBERT L., 136

EDELMANN, ABRAHAM, 373

Effect of cyanide on oxygen consumption of *Colpidium campylum*, The, 193

Effect of thymus gland, thymus extracts, and thymus derivatives on growth and metamorphosis of amphibian larvae, 366

Effects of acetylcholine, atropine, and nicotine on the isolated heart of the commercial crab, *Cancer magister* Dana, The, 178

Effects of modified Ringer solutions on head reconstitution in *Dugesia* (=*Euplanaria*) *dorotocephala*, 316

Effects of peripheral inhibition on the muscle action potentials of the crab, The, 296

EVANS, F. R., 227

EVANS, TITUS CARR, 163

Experimental modification of breeding cycles in goats, 379

Experimental studies on a Japanese planarian. II. Axial differential in rate of eye formation in reconstitution, 437

Experimental study on the origin of melanophores in birds, The, 48

Experiments on artificial parthenogenesis in starfish eggs, with a review, Further, 239

GAUNT, ROBERT, 373

GORDON, ALBERT S., 366

GREGG, E. V., 395

Growth studies of ciliates. V. The acceleration and inhibition of ciliate growth in biologically conditioned medium, 209

Growth studies of *Colpoda duodenaria*. I. Sterilization of the ciliates, 431

HALL, R. P., 384

HALL, ROBERT H., 193

HAMBURGER, VIKTOR, 355

HARTMAN, F. A., 476

HASTINGS, E., 384

HEILBRUNN, L. V., 281

HELFER, R. G., 296

Inhibition of lactation in the rat, 373

Irritability of frog muscle in relation to the sodium ion, The, 281

JOHNSON, W. H., 227

Karyoplasmic ratio in the embryos of monovoltine and bivoltine races of the silkworm *Bombyx mori* L., The, 70

KIDDER, GEORGE W., 209

LEWIS, L. A., 476

LILLIE, FRANK R., 103

LILLIE, RALPH S., 239

LUTHERMAN, C. Z., 395

Manifestations of incompatibility in limb grafts made between bird embryos of different species, 136

Maximal density and phases of death in populations of *Glaucoma piriformis*, 384

Melanophore responses in fishes in relation to contrast in the visual field, The, 96

MILFORD, JOHN J., JR., 344

Mitochondrial orientations and molecular patterns, 268

Modification of development in the sand dollar by NaCNS and Ca-free sea water, 305

MOORE, CARL R., 1

Observation on rodents in Herter's temperature gradient, 186

Oxygen as a factor in the polarity of *Corymorpha palma*, 174

PARK, THOMAS, 395

PEPPER, J. H., 470

Physiology of development of the feather. V. Experimental morphogenesis, 103

POLLISTER, ARTHUR W., 268
PRICE, DOROTHY, 145

Rat prostate and seminal vesicle grafts in relation to the age and sex of the hosts, 145
RIS, HANS, 48
Role of a cut surface in *Tubularia* regeneration, The, 328
Role of the injured surface in the production of the injury potential of the frog muscle, The, 78
Role of sex hormones in sex differentiation in the opossum (*Didelphys virginiana*), On the, 1
ROSE, S. MERYL and FLORENCE C., 328
RULON, OLIN, 305, 461

SCHECHTER, VICTOR, 174
Sequence of roentgen ray effects on the development of the grasshopper egg. I, 163
SHELDON, F. F., 476
SHOTTENFELD, A., 384
STEINBACH, H. BURR, 78
Stimulating action of citrates and oxalates on the *Nereis* egg, The, 84
Studies on homoplastic and heteroplastic transplantation of metanephric primordia to the coelom of the chick embryo, 344
Studies in population physiology. X. Interspecific competition in populations of granary beetles, 395
Study of environmental factors affecting cystment in *Woodruffia metabolica*, A further, 227

TAYLOR, C. V., 431
TIRELLI, MARIO, 70
Transplantation of limb primordia of homozygous and heterozygous chondrodystrophic ("Creeper") chick embryos, 355

WAGTENDONK, W. J. VAN, 431
WALTHER, R. F., 476
WANG, HSI, 103
WATANABE, YISAMU, 316, 437
WIERSMA, C. A. G., 296
WILBUR, KARL M., 84